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In re PATENT APPLICATION of
Inventor(s): Mills

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Examiner(s): Langel for the Secret

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Title: INORGANIC HYDROGEN COMPOUNDS AND APPLICATIONS THEREOF

March 11, 2003

INFORMATION DISCLOSURE STATEMENT

Hon. Asst. Commissioner of Patents
and Trademarks
Washington, D.C. 20231

Sir:

Attached are PTO/SB/O8B forms listing the documents enclosed with Applicant's Response filed on March 6, 2003. The documents are identified by the "Attachment #" used for the March 6 Response.

Please accept this Information Disclosure Statement under Rule 97(c) and charge the requisite Rule 17(p) fee to our Deposit Account No. 50-0687 under Order No. 27462/62-226 for which purposes this paper is submitted in duplicate.

Applicant also attaches herewith a complete list of all his articles that have been submitted previously for consideration on PTO/SB/08A and B forms, which listed the dates the journals published the articles. Please note that the document numbers on this list do not correspond to the numbers in other lists submitted previously in other responses. Because of an oversight, Applicant's counsel only recognized recently that Applicant had posted his articles on the BlackLight's website

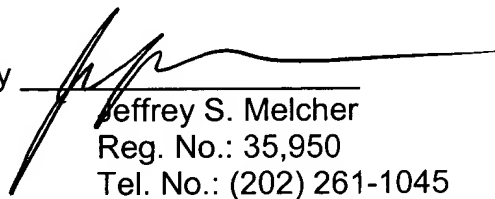
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(www.blacklightpower.com) earlier than the listed publication date and these postings may constitute a publication under the patent laws and rules. If the U.S. Patent Office determines that the postings were publications, Applicant provides herewith on the attached list the internet publication dates for each such article identified as "web publication date."

This information disclosure statement is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully. Consideration of the foregoing and enclosures plus the return of a copy of the herewith PTO/SB/08A and B forms with the Examiner's initials in the left column per MPEP 609 along with an early action on the merits of this application are earnestly solicited.

Respectfully submitted,
Manelli Denison & Selter PLLC

By



Jeffrey S. Melcher
Reg. No.: 35,950
Tel. No.: (202) 261-1045
Fax. No.: (202) 887-0336

Customer No. 20736

Internet Publication Dates at www.blacklightpower.com

81. R. Mills, P. Ray, B. Dhandapani, W. Good, P. Jansson, M. Nansteel, J. He, A. Voigt, "Spectroscopic and NMR Identification of Novel Hydride Ions in Fractional Quantum Energy States Formed by an Exothermic Reaction of Atomic Hydrogen with Certain Catalysts," J. Phys. Chem. A, submitted. (*Web Publication Date: Feb. 21, 2003.*)
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77. J. Phillips, R. L. Mills, X. Chen, "Water Bath Calorimetric Study of Excess Heat in 'Resonance Transfer' Plasmas," Journal of Applied Physics, submitted.
76. R. L. Mills, P. Ray, B. Dhandapani, X. Chen, "Comparison of Catalysts and Microwave Plasma Sources of Spectral Emission of Fractional-Principal-Quantum-Energy-Level Atomic and Molecular Hydrogen," Journal of Applied Spectroscopy, submitted. (*Web Publication Date: Feb. 12, 2002.*)
75. R. L. Mills, P. Ray, B. Dhandapani, J. He, "Novel Liquid-Nitrogen-Condensable Molecular Hydrogen Gas," Polish Journal of Chemistry, submitted. (*Web Publication Date: Oct. 29, 2002.*)
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65. R. Mills, P. Ray, R. M. Mayo, "Spectroscopic Evidence for CW H I Lasing in a Water-Plasma," J. of Applied Physics, submitted. (*Web Publication Date: Sept. 18, 2002.*)
64. R. L. Mills, J. Sankar, A. Voigt, J. He, B. Dhandapani, "Low Power MPCVD of Diamond Films on Silicon Substrates," Journal of Vacuum Science & Technology A, submitted. (*Web Publication Date: June 26, 2002.*)
63. R. L. Mills, X. Chen, P. Ray, J. He, B. Dhandapani, "Plasma Power Source Based on a Catalytic Reaction of Atomic Hydrogen Measured by Water Bath Calorimetry," Thermochemica Acta, submitted. (*Web Publication Date: June 25, 2002.*)
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60. R. L. Mills, J. Sankar, A. Voigt, J. He, B. Dhandapani, "Synthesis of HDLC Films from Solid Carbon," Thin Solid Films, submitted. (*Web Publication Date: May 3, 2002.*)
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 53. R. Mills, "A Maxwellian Approach to Quantum Mechanics Explains the Nature of Free Electrons in Superfluid Helium," Foundations of Science, submitted. (*Web Publication Date: June 4, 2002.*)
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 51. R. Mills, P. Ray, R. M. Mayo, "CW HI Laser Based on a Stationary Inverted Lyman Population Formed from Incandescently Heated Hydrogen Gas with Certain Group I Catalysts," IEEE Transactions on Plasma Science, in press. (*Web Publication Date: Feb. 4, 2002.*)
 50. R. L. Mills, P. Ray, J. Dong, M. Nansteel, B. Dhandapani, J. He, "Spectral Emission of Fractional-Principal-Quantum-Energy-Level Atomic and Molecular Hydrogen," Vibrational Spectroscopy, in press.
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36. R. L. Mills, P. Ray, B. Dhandapani, J. He, "Emission Spectroscopic Identification of Fractional Rydberg States of Atomic Hydrogen Formed by a Catalytic Helium-Hydrogen Plasma Reaction," *Vacuum*, submitted. (*Web Publication Date: Oct. 9, 2001.*)
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33. R. L. Mills, P. Ray, B. Dhandapani, M. Nansteel, X. Chen, J. He, "New Power Source from Fractional Quantum Energy Levels of Atomic Hydrogen that Surpasses Internal Combustion," *J Mol. Struct.*, Vol. 643, No. 1-3, (2002), pp. 43-54. (*Web Publication Date: Oct. 10, 2001.*)
32. R. L. Mills, P. Ray, "Spectroscopic Identification of a Novel Catalytic Reaction of Rubidium Ion with Atomic Hydrogen and the Hydride Ion Product," *Int. J. Hydrogen Energy*, Vol. 27, No. 9, (2002), pp. 927-935. (*Web Publication Date: Sept. 19, 2001.*)
31. R. Mills, J. Dong, W. Good, P. Ray, J. He, B. Dhandapani, "Measurement of Energy Balances of Noble Gas-Hydrogen Discharge Plasmas Using Calvet Calorimetry," *Int. J. Hydrogen Energy*, Vol. 27, No. 9, (2002), pp. 967-978. (*Web Publication Date: Sept. 14, 2001.*)
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29. R. Mills, P. Ray, "Vibrational Spectral Emission of Fractional-Principal-Quantum-

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23. R. Mills, N. Greenig, S. Hicks, "Optically Measured Power Balances of Glow Discharges of Mixtures of Argon, Hydrogen, and Potassium, Rubidium, Cesium, or Strontium Vapor," *Int. J. Hydrogen Energy*, Vol. 27, No. 6, (2002), pp. 651-670. (*Web Publication Date: July 20, 2001.*)
22. R. Mills, "The Grand Unified Theory of Classical Quantum Mechanics," Global Foundation, Inc. *Orbis Scientiae* entitled *The Role of Attractive and Repulsive Gravitational Forces in Cosmic Acceleration of Particles The Origin of the Cosmic Gamma Ray Bursts*, (29th Conference on High Energy Physics and Cosmology Since 1964) Dr. Behram N. Kursunoglu, Chairman, December 14-17, 2000, Lago Mar Resort, Fort Lauderdale, FL, Kluwer Academic/Plenum Publishers, New York, pp. 243-258. (*Presented at the conference on Dec. 15, 2000; Web Publication Date: May 17, 2001.*)
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Sept. 17, 2001.)

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19. R. Mills, B. Dhandapani, M. Nansteel, J. He, A. Voigt, "Identification of Compounds Containing Novel Hydride Ions by Nuclear Magnetic Resonance Spectroscopy," Int. J. Hydrogen Energy, Vol. 26, No. 9, (2001), pp. 965-979. (*Web Publication Date: March 22, 2001.*)
18. R. Mills, "BlackLight Power Technology-A New Clean Energy Source with the Potential for Direct Conversion to Electricity," Global Foundation International Conference on "Global Warming and Energy Policy," Dr. Behram N. Kursunoglu, Chairman, Fort Lauderdale, FL, November 26-28, 2000, Kluwer Academic/Plenum Publishers, New York, pp. 187-202. (*Presented at the conference on Nov. 26, 2000; Web Publication Date: Jan. 19, 2001.*)
17. R. Mills, "The Nature of Free Electrons in Superfluid Helium—a Test of Quantum Mechanics and a Basis to Review its Foundations and Make a Comparison to Classical Theory," Int. J. Hydrogen Energy, Vol. 26, No. 10, (2001), pp. 1059-1096. (*Web Publication Date: Dec. 11, 2000.*)
16. R. Mills, M. Nansteel, and Y. Lu, "Excessively Bright Hydrogen-Strontium Plasma Light Source Due to Energy Resonance of Strontium with Hydrogen," J. of Plasma Physics, in press. (*Web Publication Date: Aug. 27, 2001.*)
15. R. Mills, J. Dong, Y. Lu, "Observation of Extreme Ultraviolet Hydrogen Emission from Incandescently Heated Hydrogen Gas with Certain Catalysts," Int. J. Hydrogen Energy, Vol. 25, (2000), pp. 919-943. (*Web Publication Date: June 27, 2000.*)
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 3. Mills, R., Good, W., Shaubach, R., "Dihydrino Molecule Identification," *Fusion Technology*, Vol. 25, 103 (1994). (*Web Publication Date: April 11, 2001.*)
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 1. R. Mills, *The Grand Unified Theory of Classical Quantum Mechanics*, September 2001 Edition, BlackLight Power, Inc., Cranbury, New Jersey, Distributed by Amazon.com; January 2003 Edition posted at www.blacklightpower.com.

Additional Articles (older drafts of above articles that were posted on internet).

R. L. Mills, P. Ray, "Stationary Inverted Lyman Population Formed from Incandescently Heated Hydrogen Gas with Certain Catalysts", *Chem. Phys. Letts.*, submitted. (*Web Publication Date: March 20, 2002.*) Now: #54 above.

R. L. Mills, B. Dhandapani, J. He, "Synthesis and Characterization of a Highly Stable Amorphous Silicon Hydride", *Int. J. Hydrogen Energy*, submitted. (*Web Publication Date: April 15, 2002.*) Now: #45 above.

R. L. Mills, P. Ray, "High Resolution Spectroscopic Observation of the Bound-Free Hyperfine Levels of a Novel Hydride Ion Corresponding to a Fractional Rydberg State of Atomic Hydrogen", *Int. J. Hydrogen Energy*, in press. (*Web Publication Date: Nov. 14, 2001.*) Now: #42 above.

R. Mills, E. Dayalan, P. Ray, B. Dhandapani, J. He, "Highly Stable Novel Inorganic Hydrides from Aqueous Electrolysis and Plasma Electrolysis", *Japanese Journal of Applied Physics*, submitted. (*Web Publication Date: June 13, 2002.*) Now: #38 above.

R. L. Mills, P. Ray, B. Dhandapani, J. He, "Comparison of Excessive Balmer Line Broadening of Glow Discharge and Microwave Hydrogen Plasmas with Certain Catalysts", *Chem. Phys.*, submitted. (*Web Publication Date: Oct. 9, 2002.*) Now: #37 above.

R. L. Mills, P. Ray, B. Dhandapani, J. He, "Spectroscopic Identification of Fractional Rydberg States of Atomic Hydrogen", *J. of Phys. Chem. (letter)*, submitted. (*Web Publication Date: Oct. 9, 2001.*) Now: #36 above.

R. L. Mills, P. Ray, B. Dhandapani, M. Nansteel, X. Chen, J. He, "New Power Source from Fractional Rydberg States of Atomic Hydrogen", *Chem. Phys. Letts.*, submitted. (*Web Publication Date: Oct. 9, 2001.*) Now: #35 above.

R. L. Mills, P. Ray, B. Dhandapani, M. Nansteel, X. Chen, J. He, "New Power Source from Fractional Quantum Energy Levels of Atomic Hydrogen that Surpasses Internal Combustion", *Spectrochimica Acta, Part A*, submitted. (*Web Publication Date: Oct. 10, 2001.*) Now: #33 above.